

WARM UP:

1) I want to create a 98% confidence interval with a margin of error of 4%. What sample size should I use?

846

2) I want to create a 96% confidence interval with a margin of error of 6%. I know that a good guess for my sample proportion is 73%. What sample size should I use?

231

3) I created a 1 sample Z interval and got (0.78, 0.92).

(a) What is my sample proportion? 0.85

(b) What is my margin of error? 0.07

(c) If my sample size was 100, what level of confidence did I use?

$$Z^* = 1.9604$$

Conf. = 95.01%



-1.9604

1.9604